

**Notice of Allowability**

Application No.

10/085,329

Examiner

Yemane M. Gerezgiher

Applicant(s)

ANDERSON ET AL.

Art Unit

2144

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.


1. ☒ This communication is responsive to 02/28/2002.
2. ☒ The allowed claim(s) is/are 1-69.
3. ☒ The drawings filed on 02/28/2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 02/28/2002
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

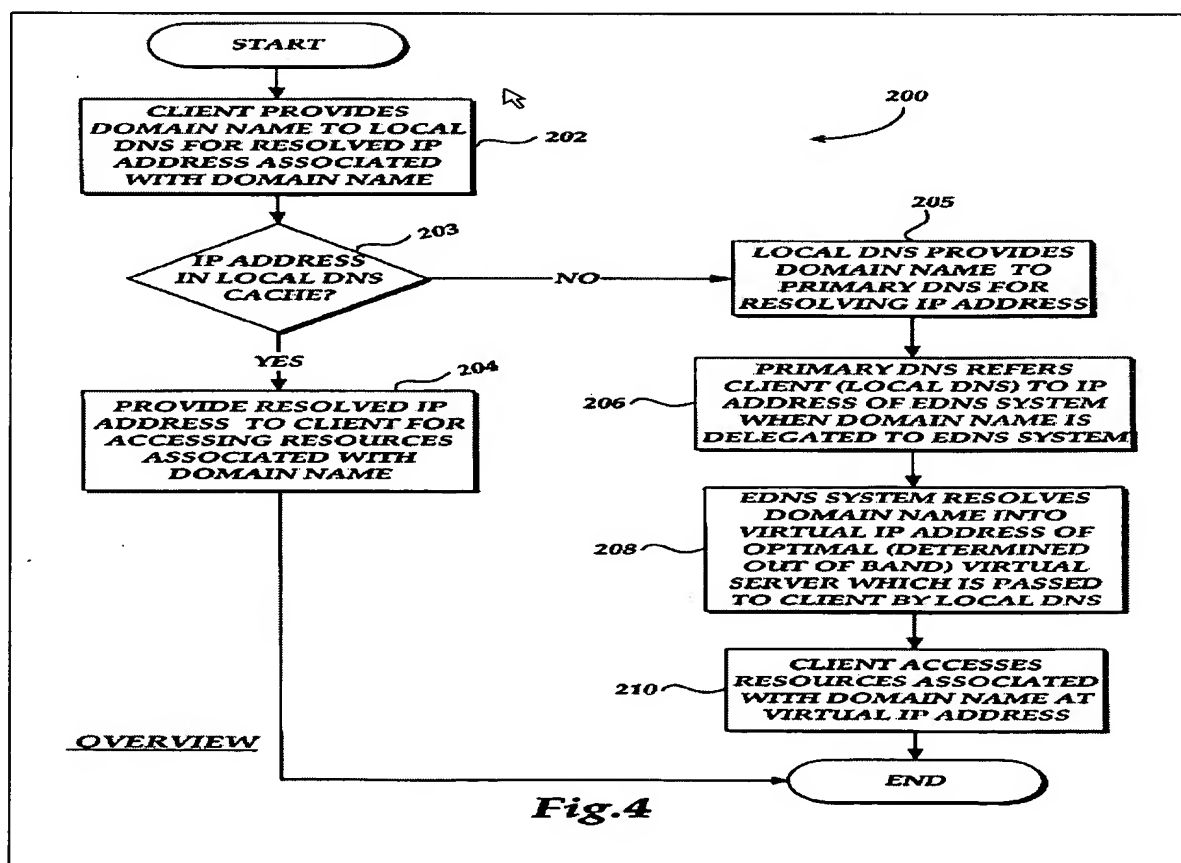
  
WILLIAM A. CUCHLINSKI, JR.  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800

Art Unit: 2144

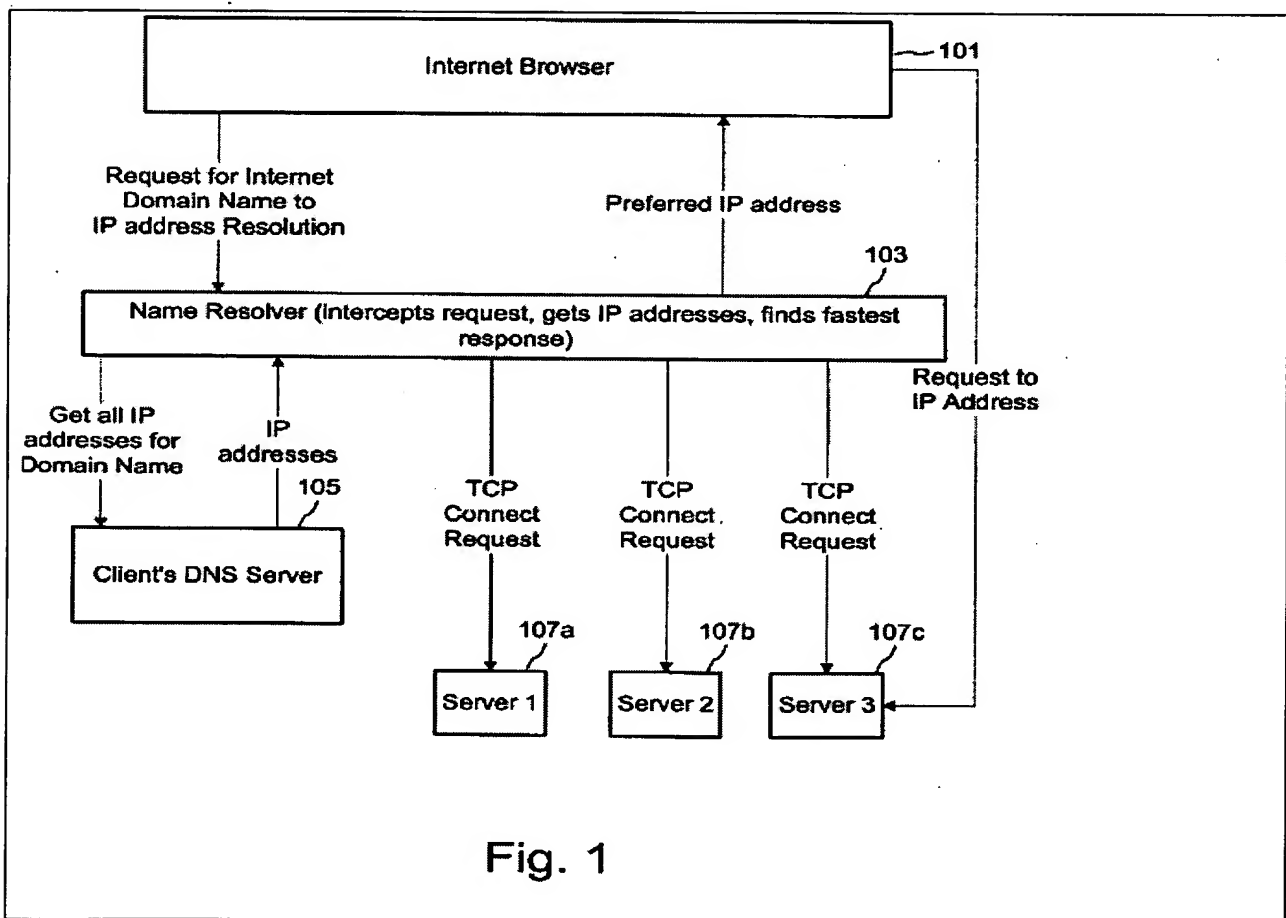
**Allowable Subject Matter**

1. Claims 1-69 are allowed.
2. The following is an examiner's statement of reasons for allowance:
3. Skene et al. (US 20010049741 A1) hereinafter referred to as Skene.

1<sup>st</sup> closest prior art, Skene disclosed receiving a request for an IP address associated with a domain name at a DNS server in the data center of an ISP. In response to the request, the DNS resolves the received domain name in to an IP address and returns it to the client where the client then gets access to a server hosting the domain name. See Fig. 4 (also disclosed below), Figs. 5A-5B and Page 5 Paragraphs [0062]-[0068].



2<sup>nd</sup> Closest prior art, Cooley (US 20030055979 A1) disclosed receiving a request for an IP address where the IP address request is associated to a domain name, the name resolver upon receipt of the request retrieves all available IP addresses for the requested domain name and determines which of the available IP addresses and provides a fastest response time, and provides the IP address with the fastest response time for use in establishing a TCP/IP connection. See Page 1 Paragraph [0004], Page 2 Paragraph [0018] and Fig. 1 (also disclosed below).



3<sup>rd</sup> reference directed to DHCP (Dynamic Host Configuration Protocol) issued to Lim et al (U.S. Patent Number 5,884,024) leases IP addresses to client workstations dynamically from a pool of available IP addresses. The dynamic IP address allocation technique is regularly used to allocate IP addresses to individual personal computer workstations that usually act only as clients. See ABSTRACT, Fig. 7 (also disclosed below) and Column 2 Lines 40-67.

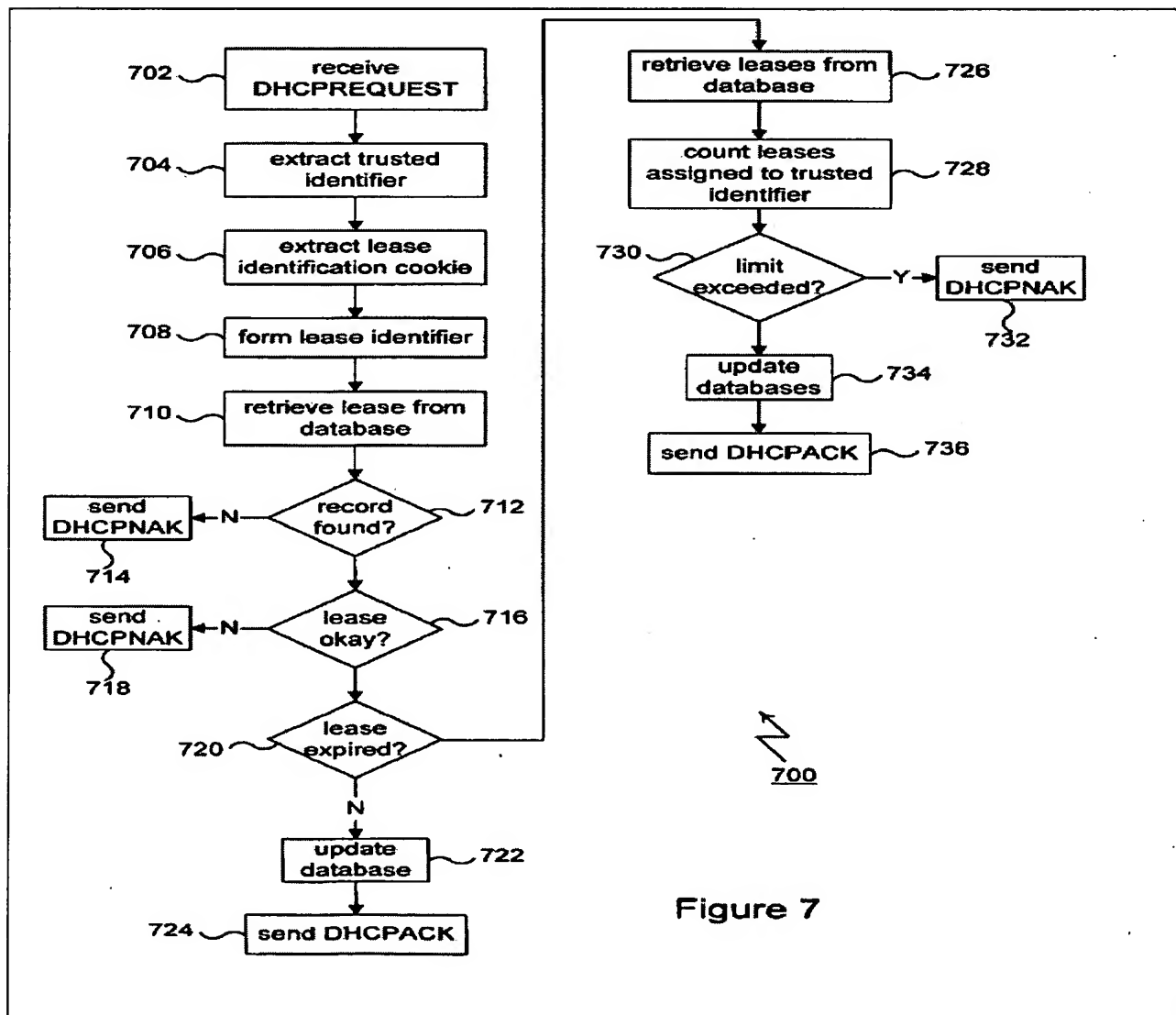


Figure 7

However, none of the prior art of record taken singularly or in combination teach or suggest a method or system of sharing a limited number of IP addresses among plurality of servers by assigning available IP address from a table/pool if requested domain name is not assigned an IP address; where assigned IP address is valid for a predetermined period of time and upon expiration of the assigned IP address, returning the IP address to the table of available IP addresses in combination with the functionality of determining that no persistent connection exist with the server hosting a web site of the requested domain name as recited in claims 1, 24 and 47.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yemane M. Gerezgiher whose telephone number is (571) 272-3927. The examiner can normally be reached on 9:00 AM - 6:00 PM Mon - Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Cuchlinski can be reached at (571) 272-3925. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Yemane M. Gerezgider*  
Patent Examiner



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